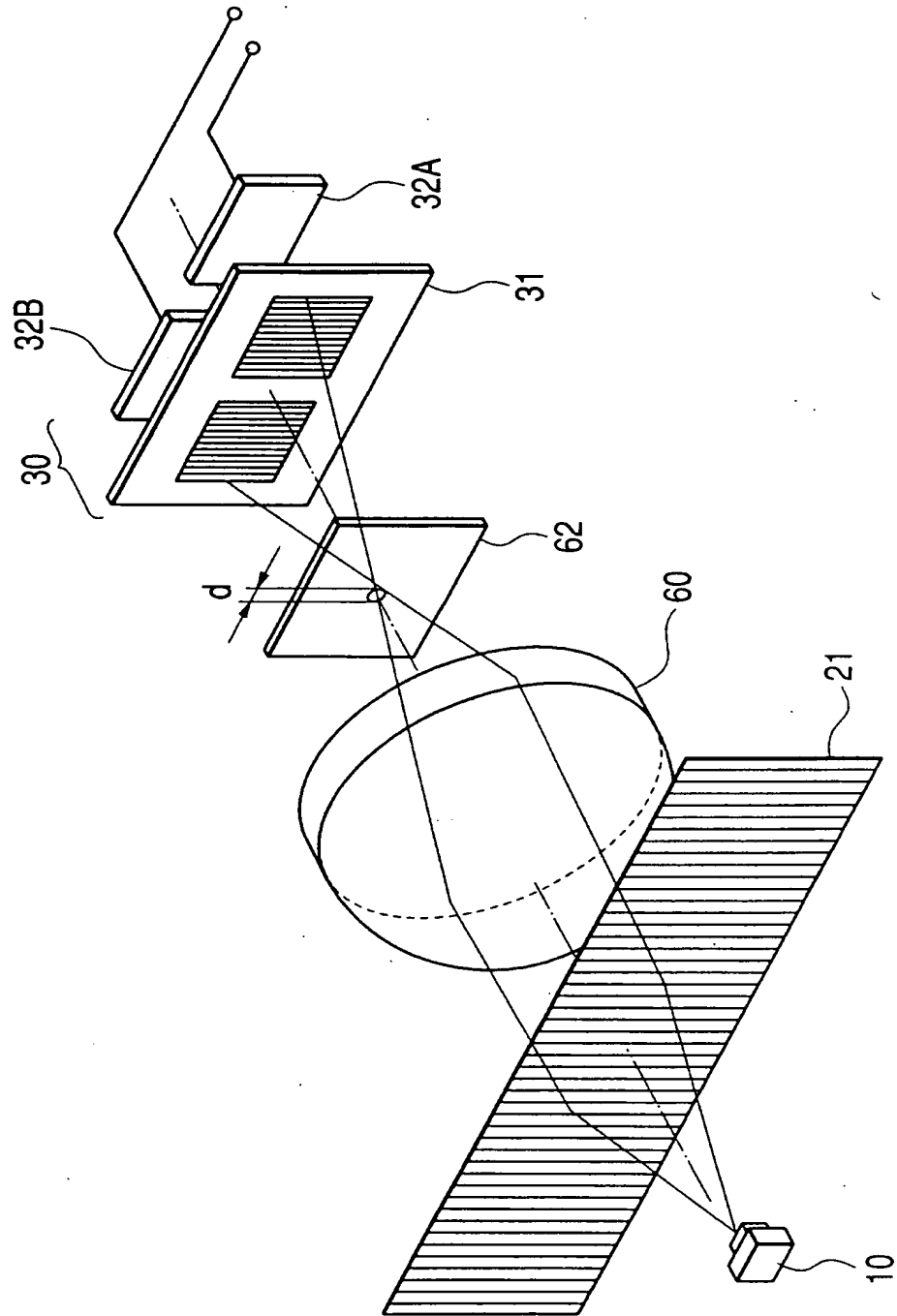




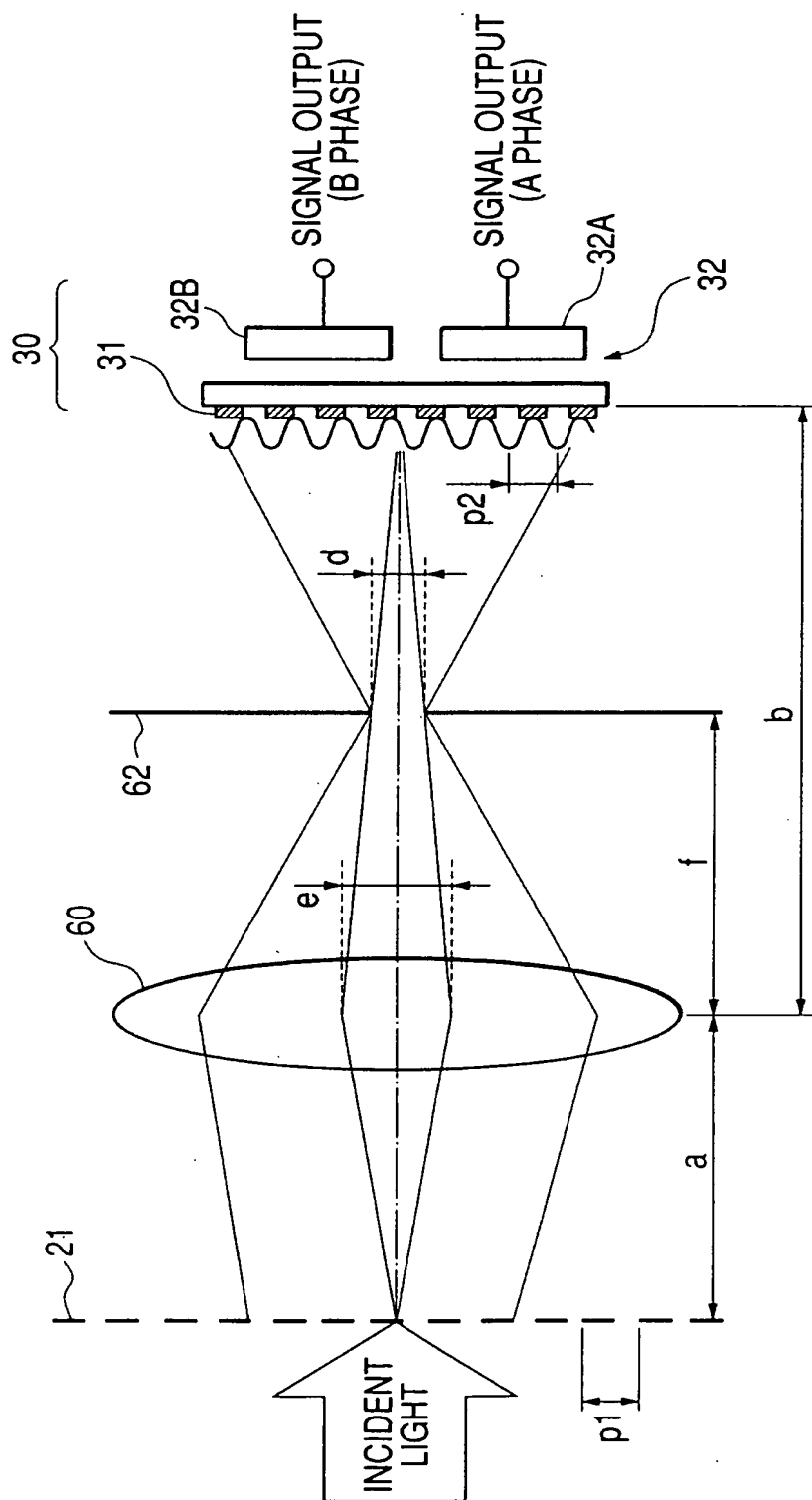
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FIG. 1



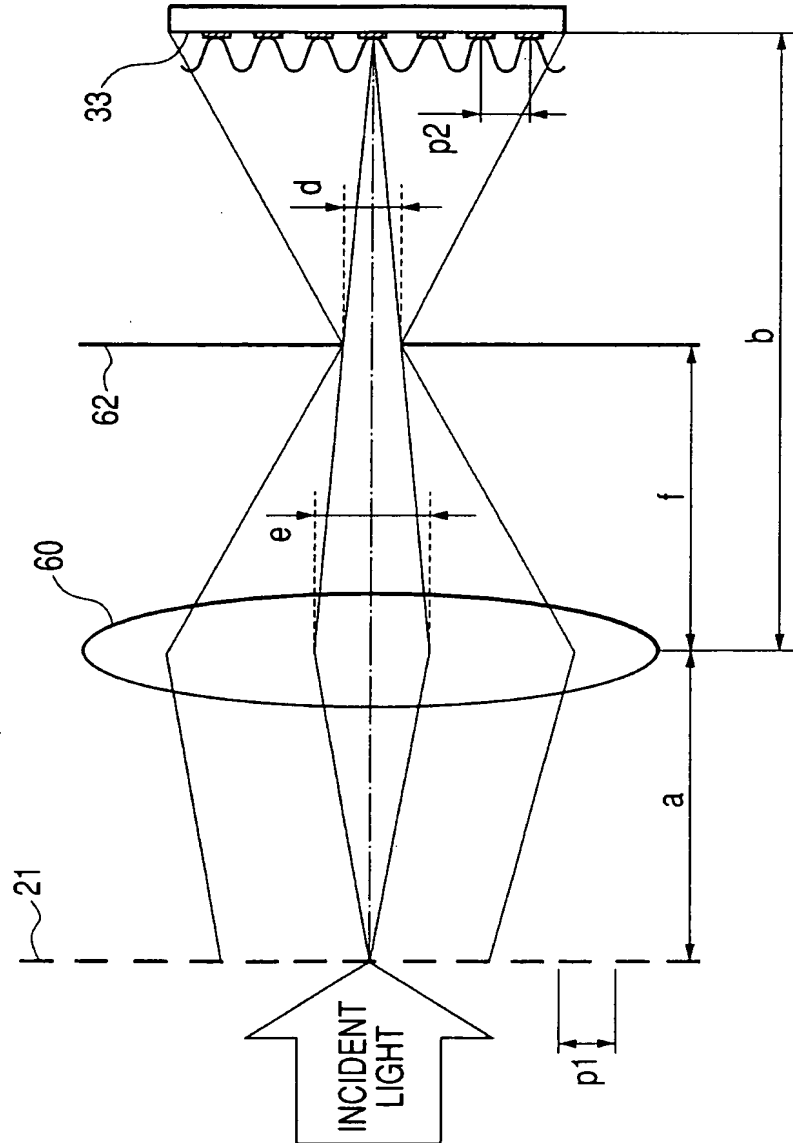
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FIG. 2



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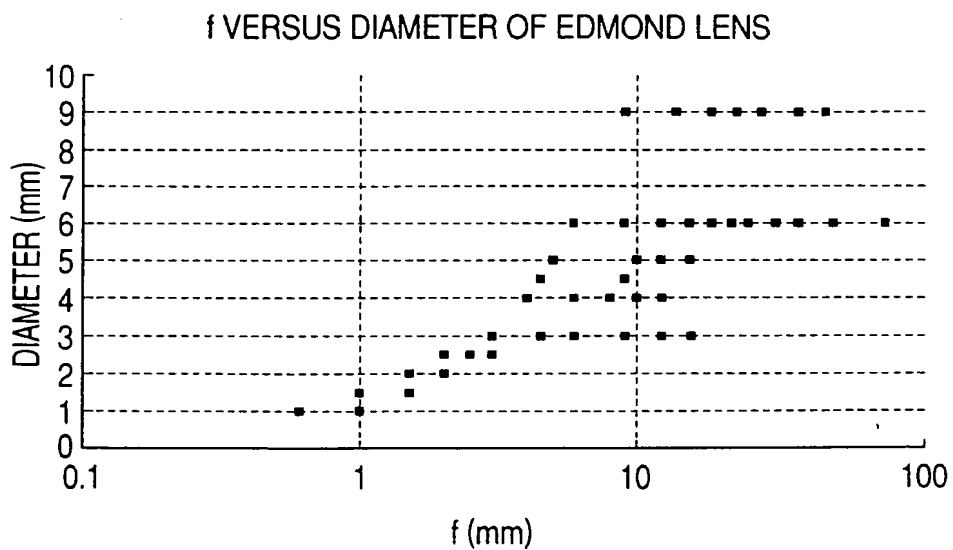
FIG. 3



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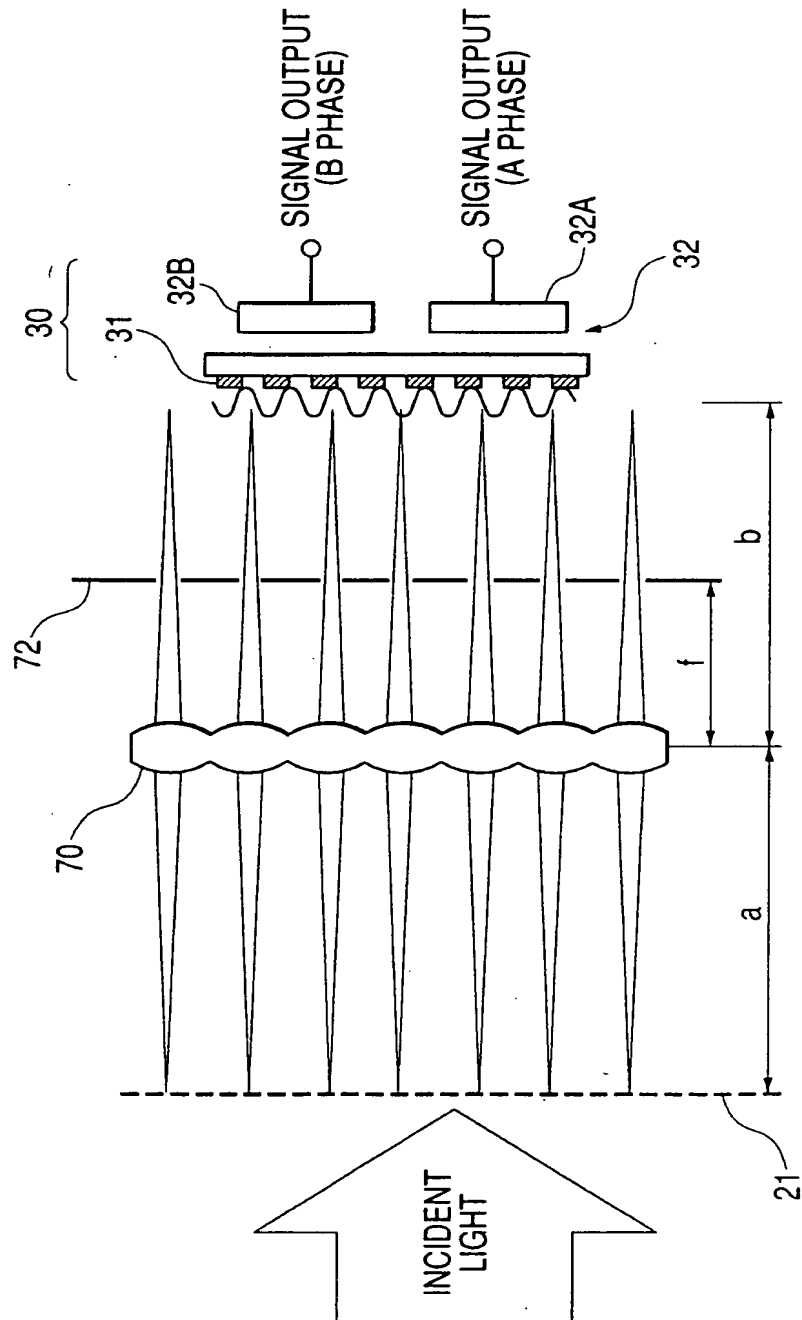
FIG. 4

OUTER DIAMETER DIS. (mm)	EFFECTIVE FOCAL LENGTH EFL (mm)
1.0	0.6
1.0	1.0
1.5	1.0
1.5	1.5
2.0	1.5
2.0	2.0
2.5	2.0
2.5	2.5
2.5	3.0
3.0	3.0
3.0	4.5
3.0	6.0
3.0	9.0
3.0	12.0
3.0	15.0
4.0	4.0
4.0	6.0
4.0	8.0
4.0	10.0
4.0	12.0
4.5	4.5
4.5	9.0
5.0	5.0
5.0	10.0
5.0	12.0
5.0	15.0
6.0	6.0
6.0	9.0
6.0	12.0
6.0	15.0
6.0	18.0
6.0	21.0
6.0	24.0
6.0	30.0
6.0	36.0
6.0	48.0
6.0	72.0
9.0	9.0
9.0	13.5
9.0	18.0
9.0	22.0
9.0	27.0
9.0	36.0
9.0	45.0



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FIG. 5



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FIG. 6

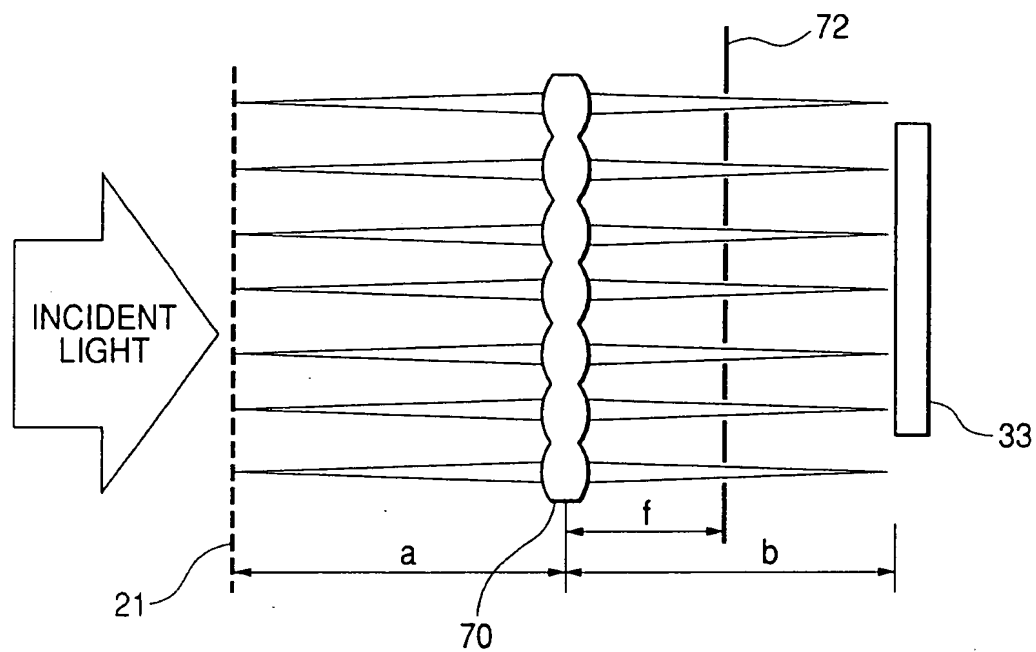
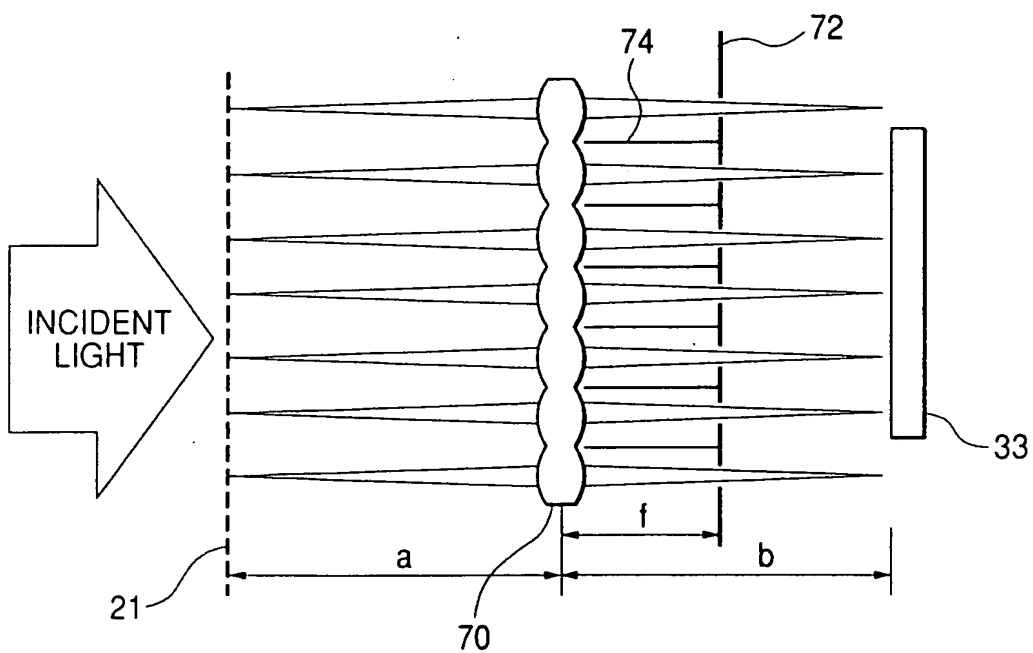


FIG. 7



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FIG. 8

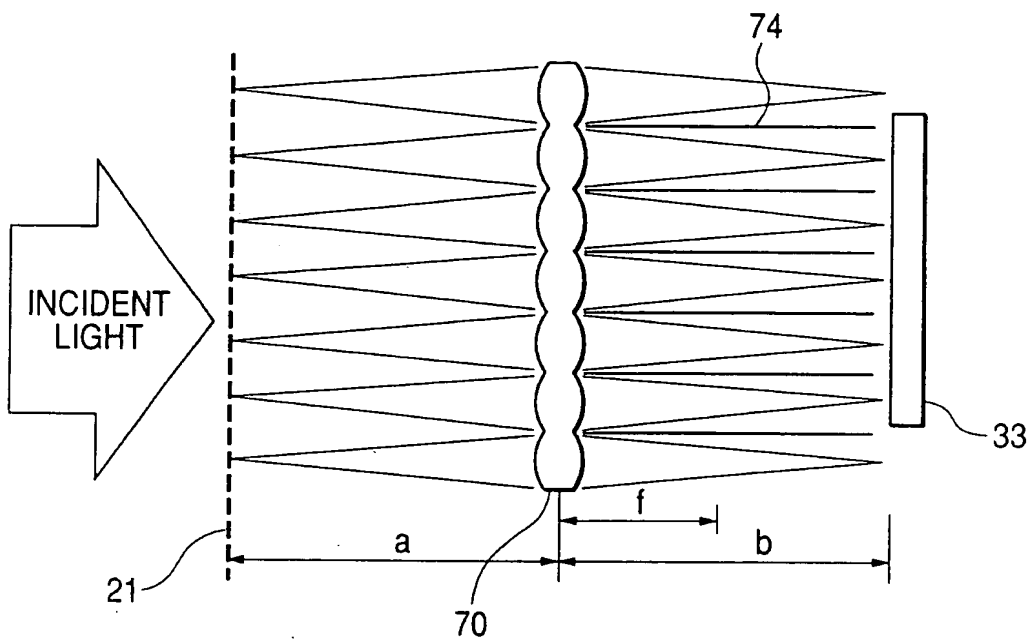
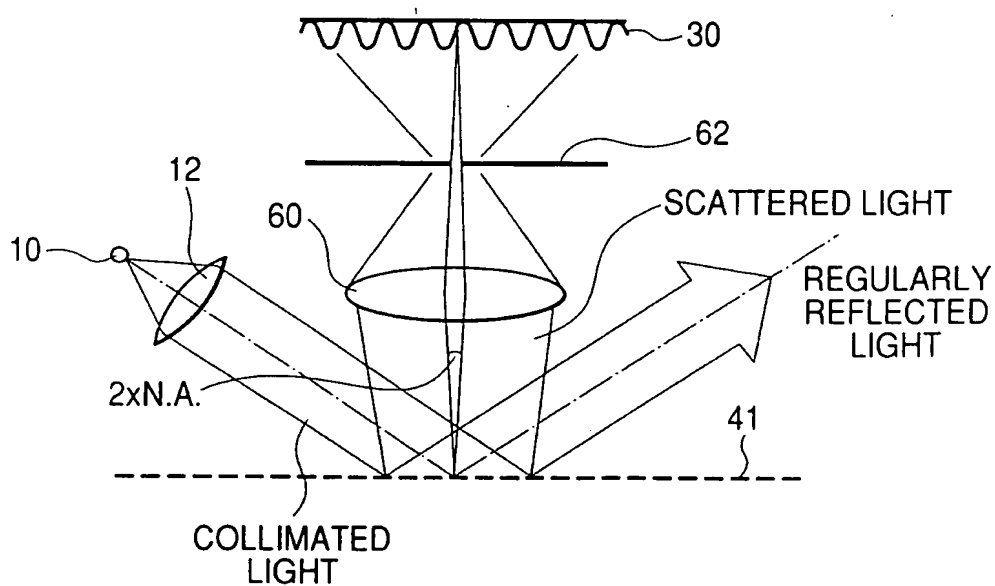
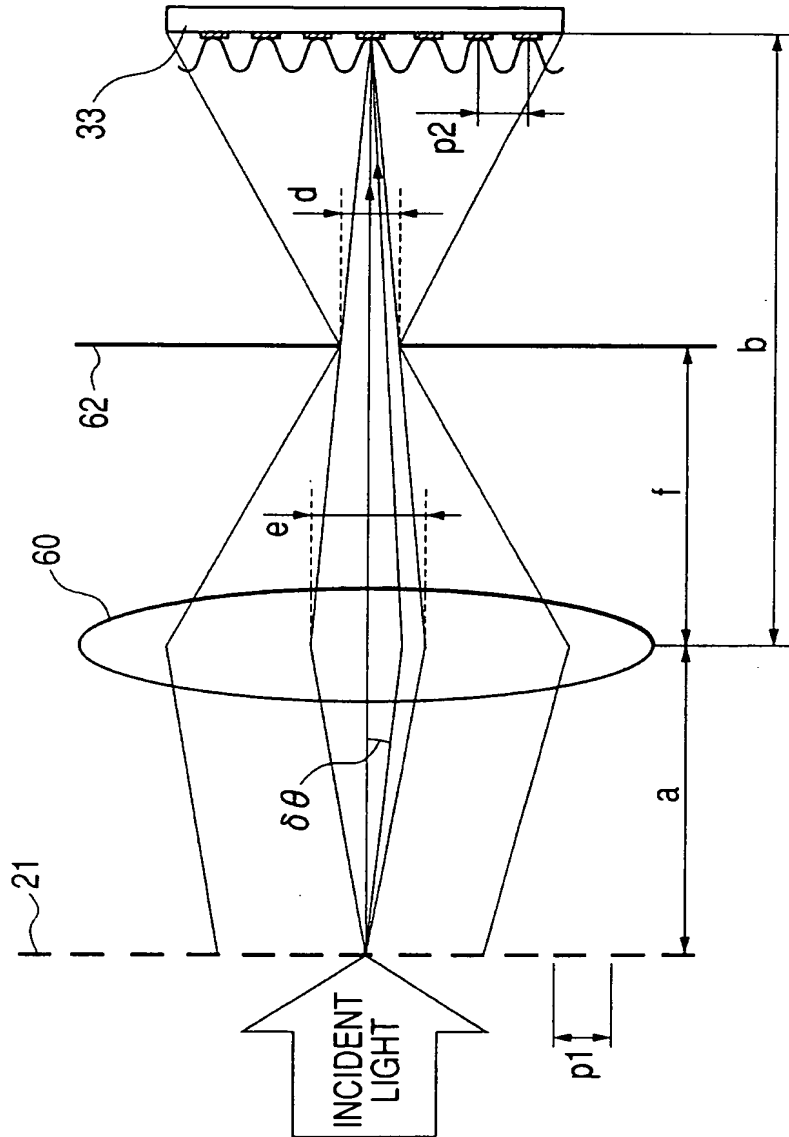


FIG. 9



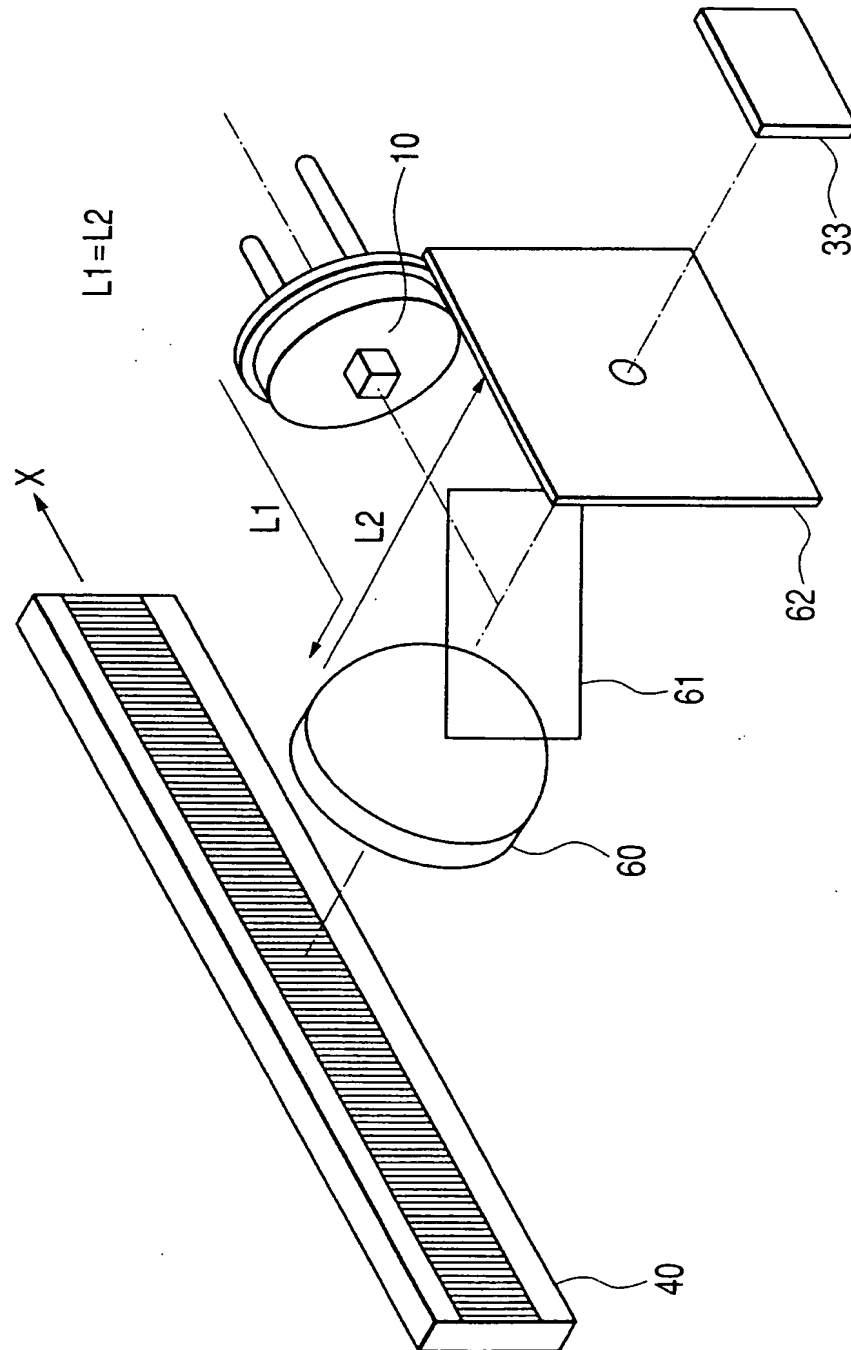
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FIG. 10



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FIG. 11



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FIG. 12

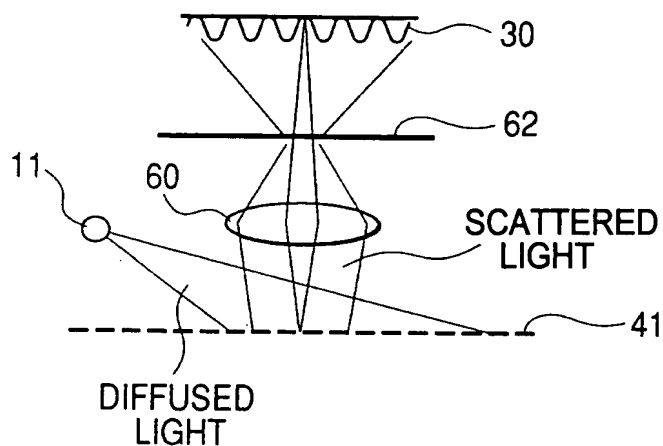


FIG. 13

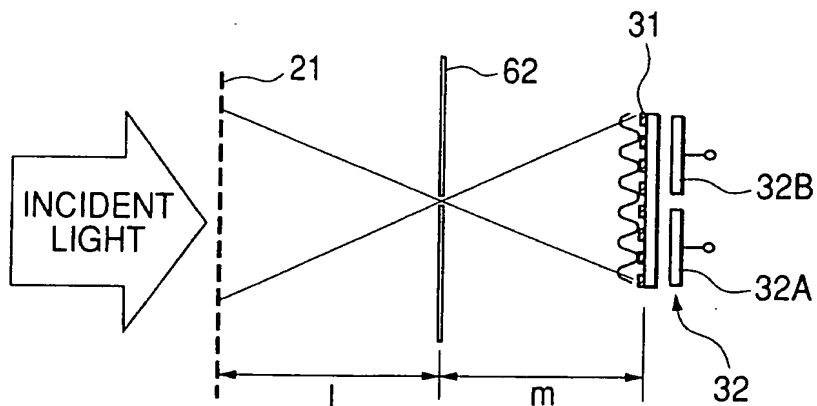
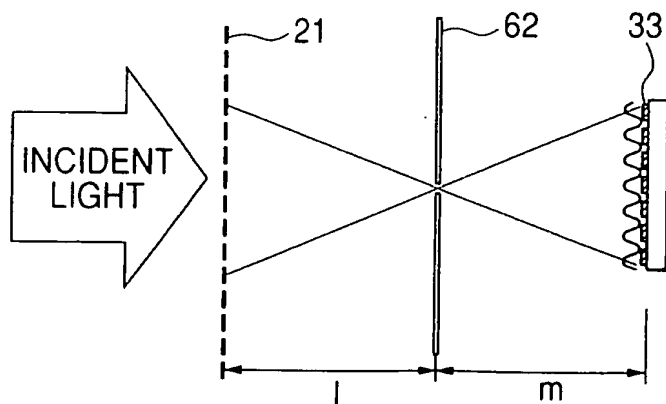
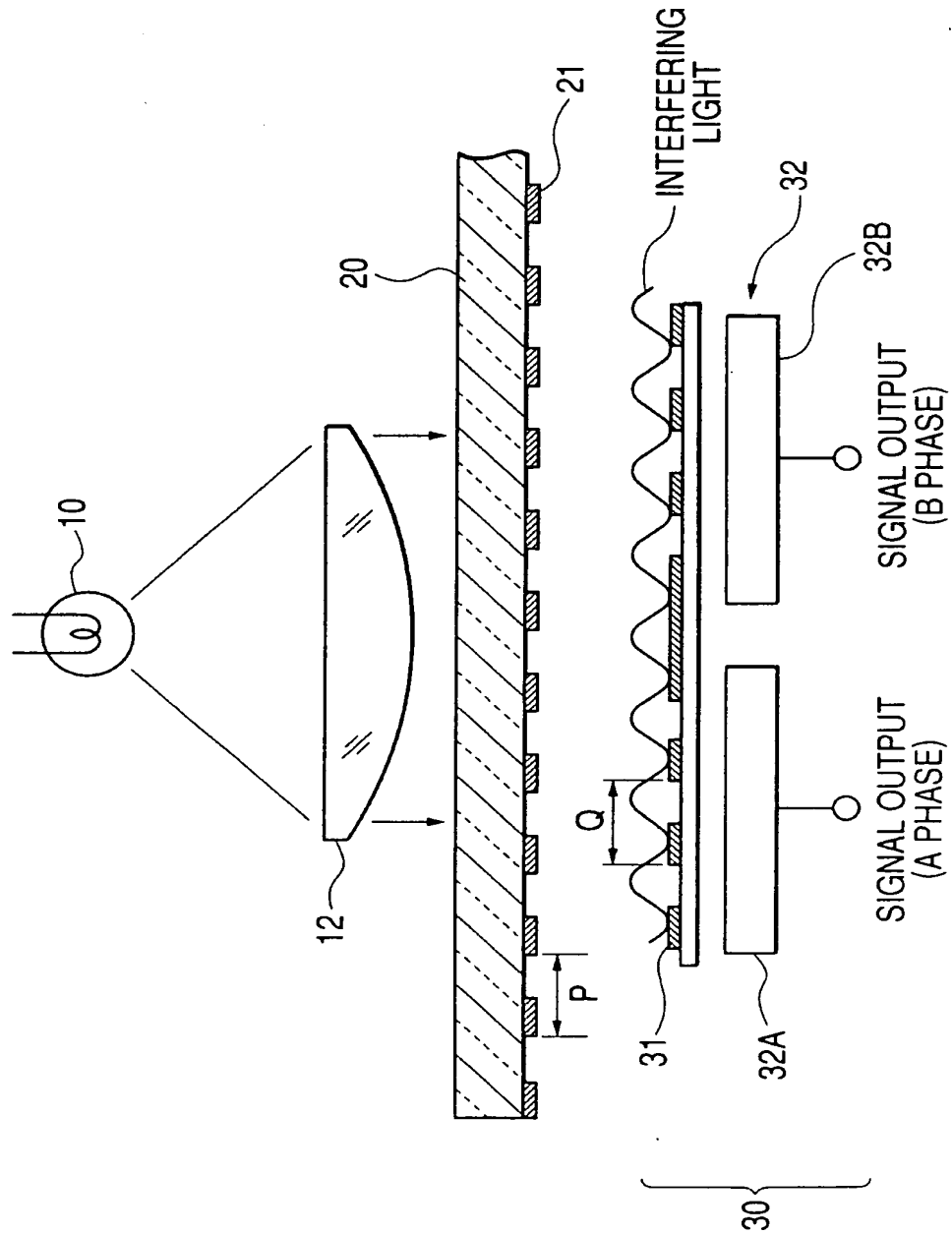


FIG. 14



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FIG. 15
 PRIOR ART



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FIG. 16
PRIOR ART

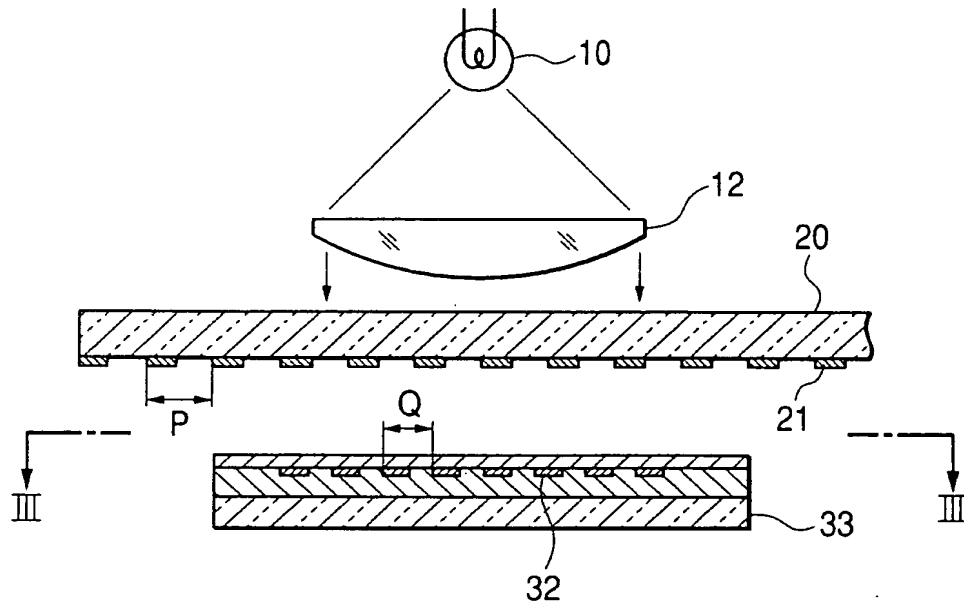
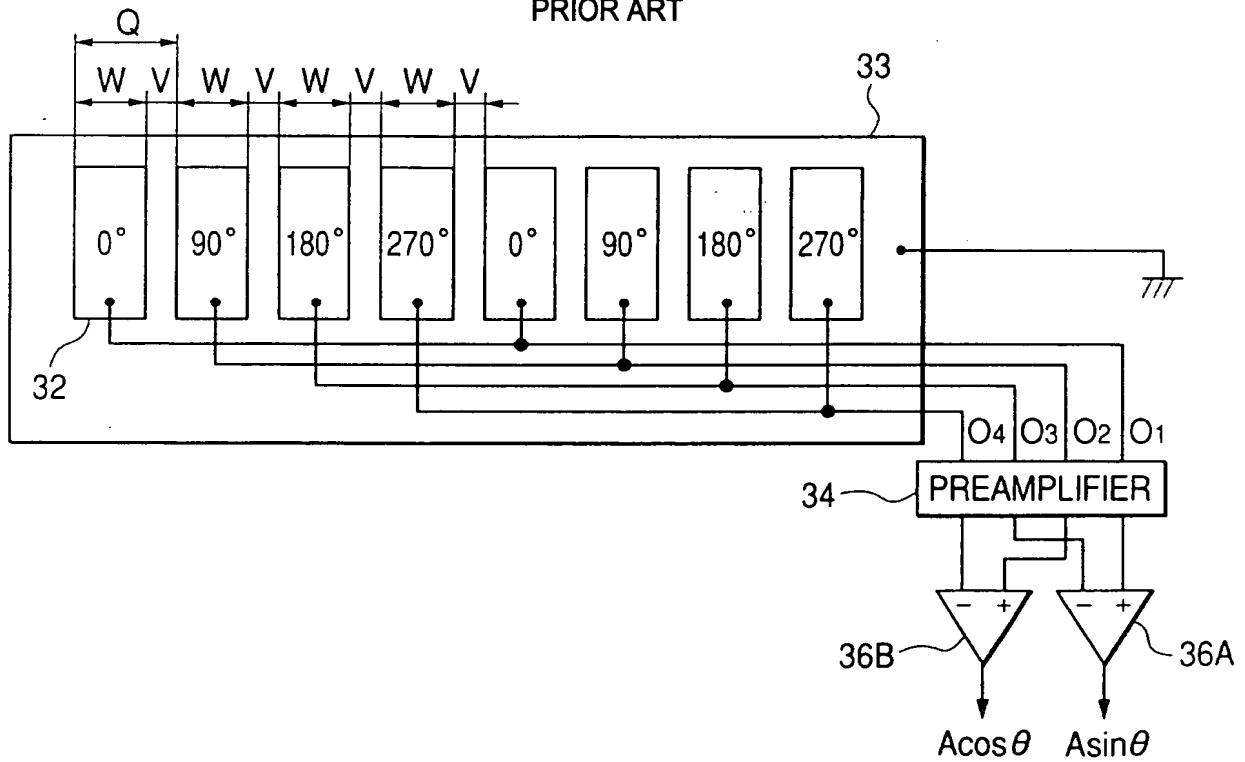


FIG. 17
PRIOR ART



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FIG. 18
PRIOR ART

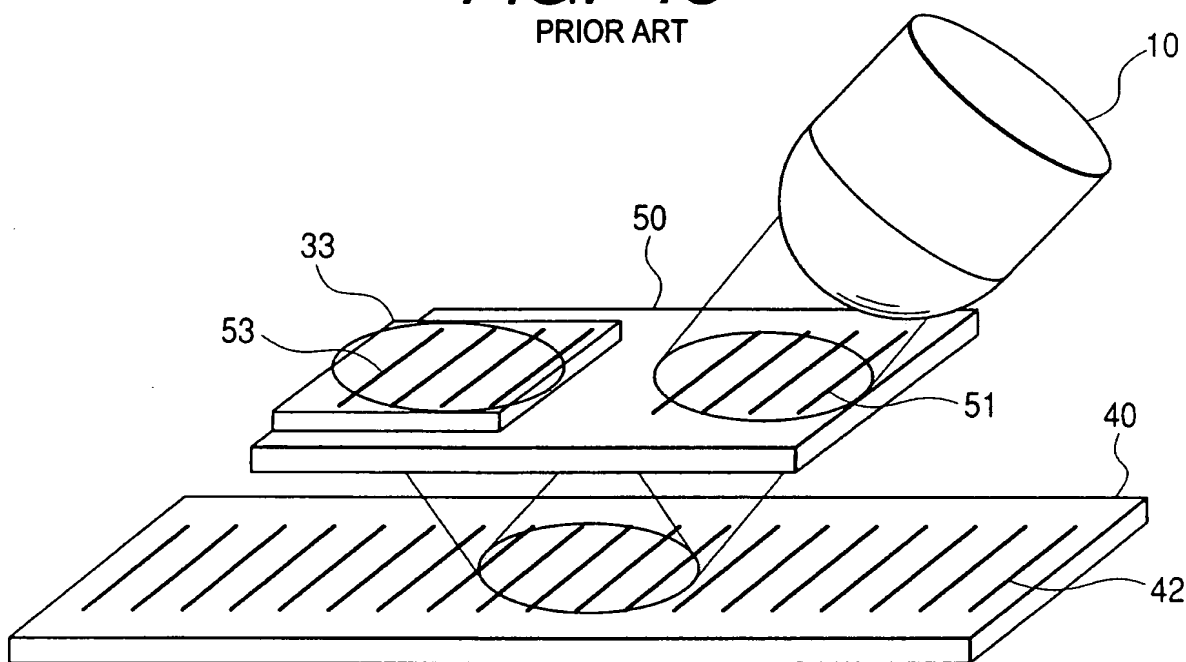
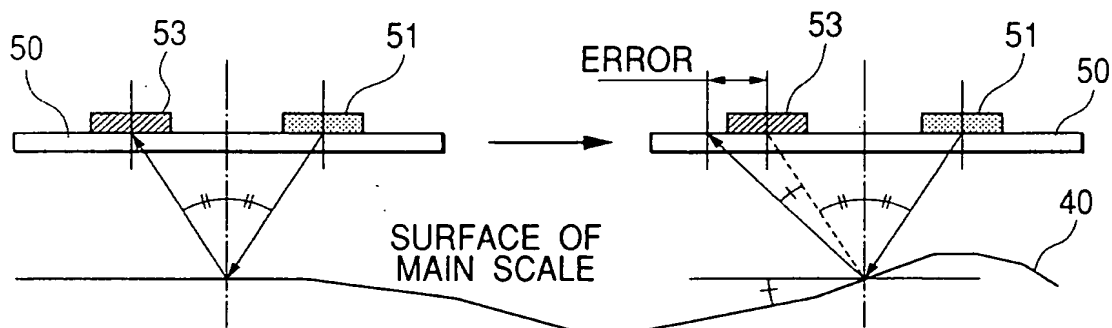


FIG. 19
PRIOR ART



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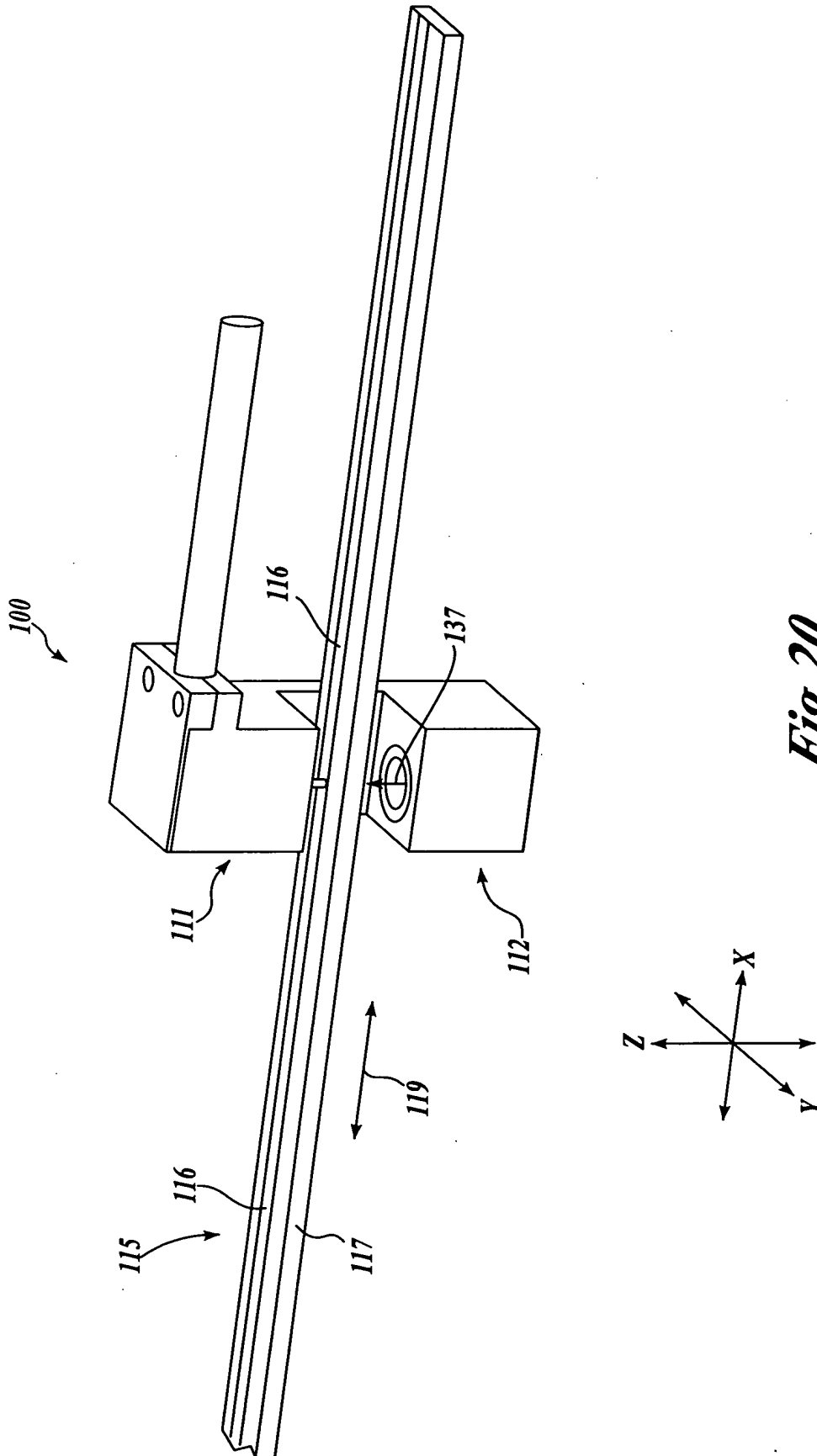


Fig. 20.

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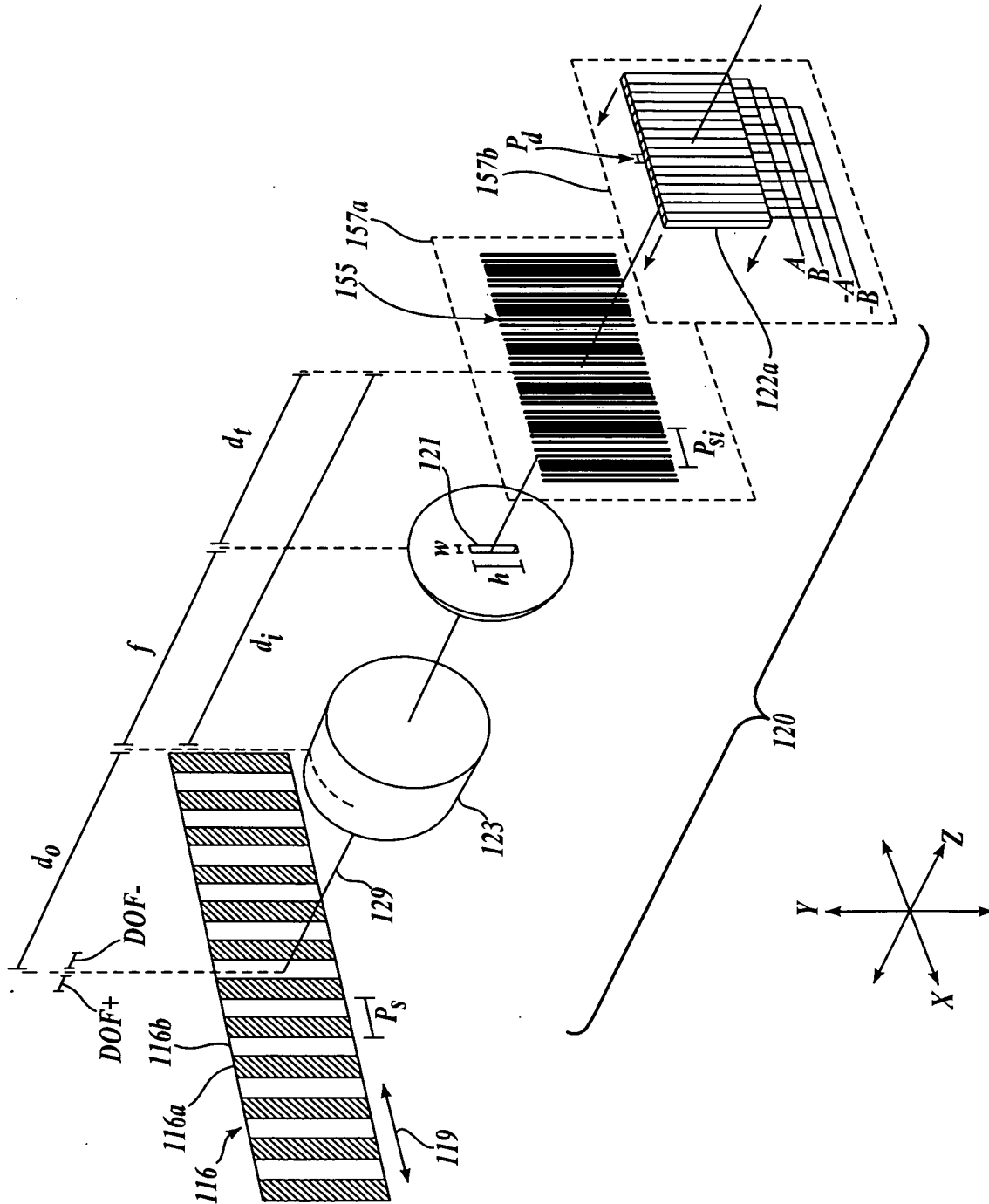
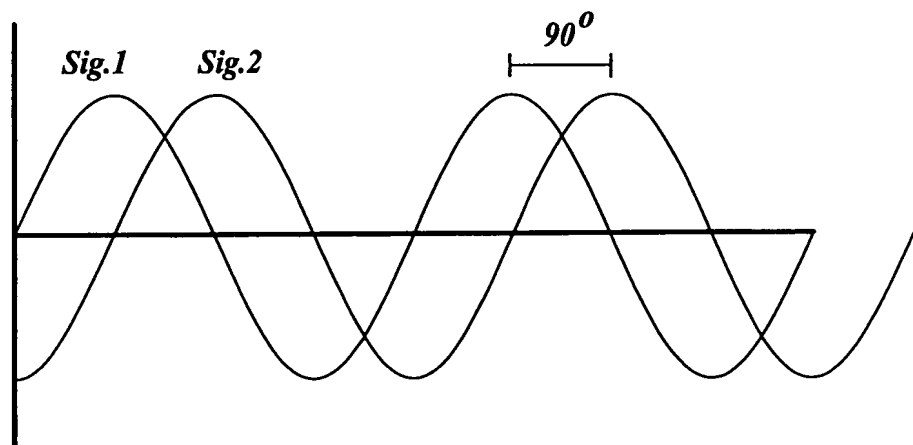
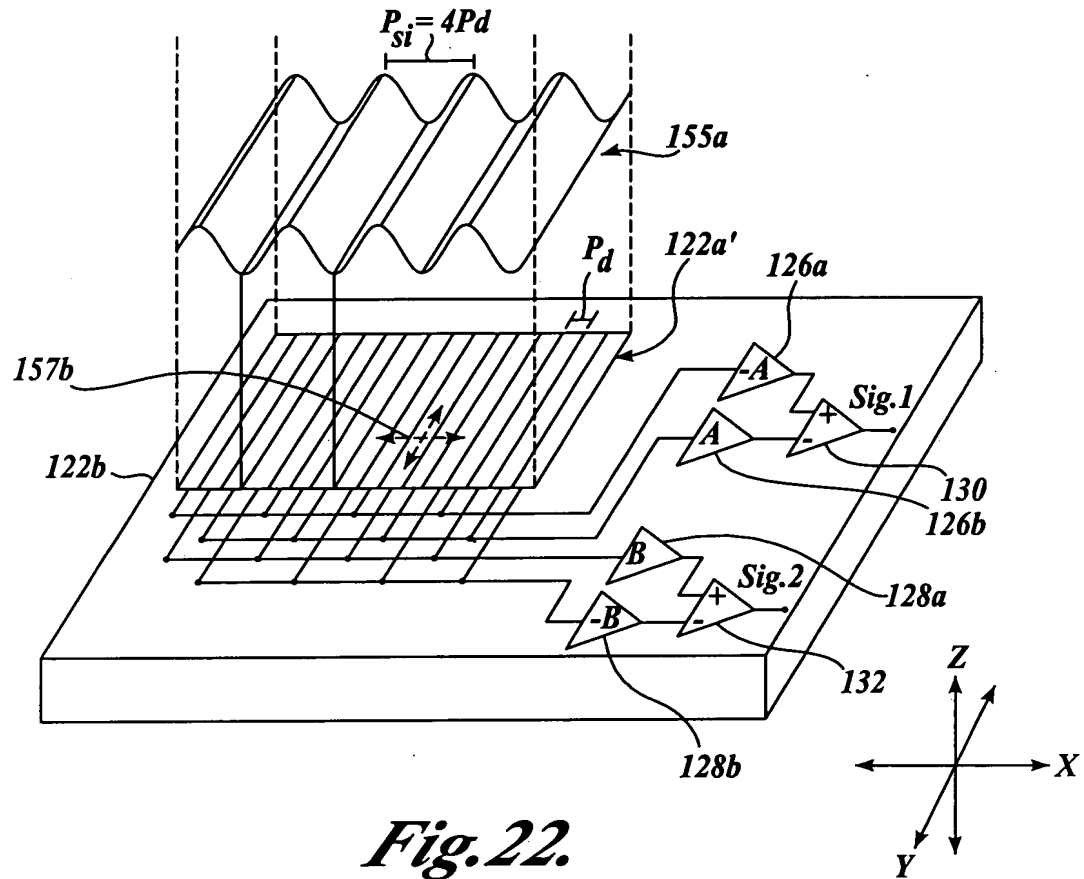


Fig. 21.

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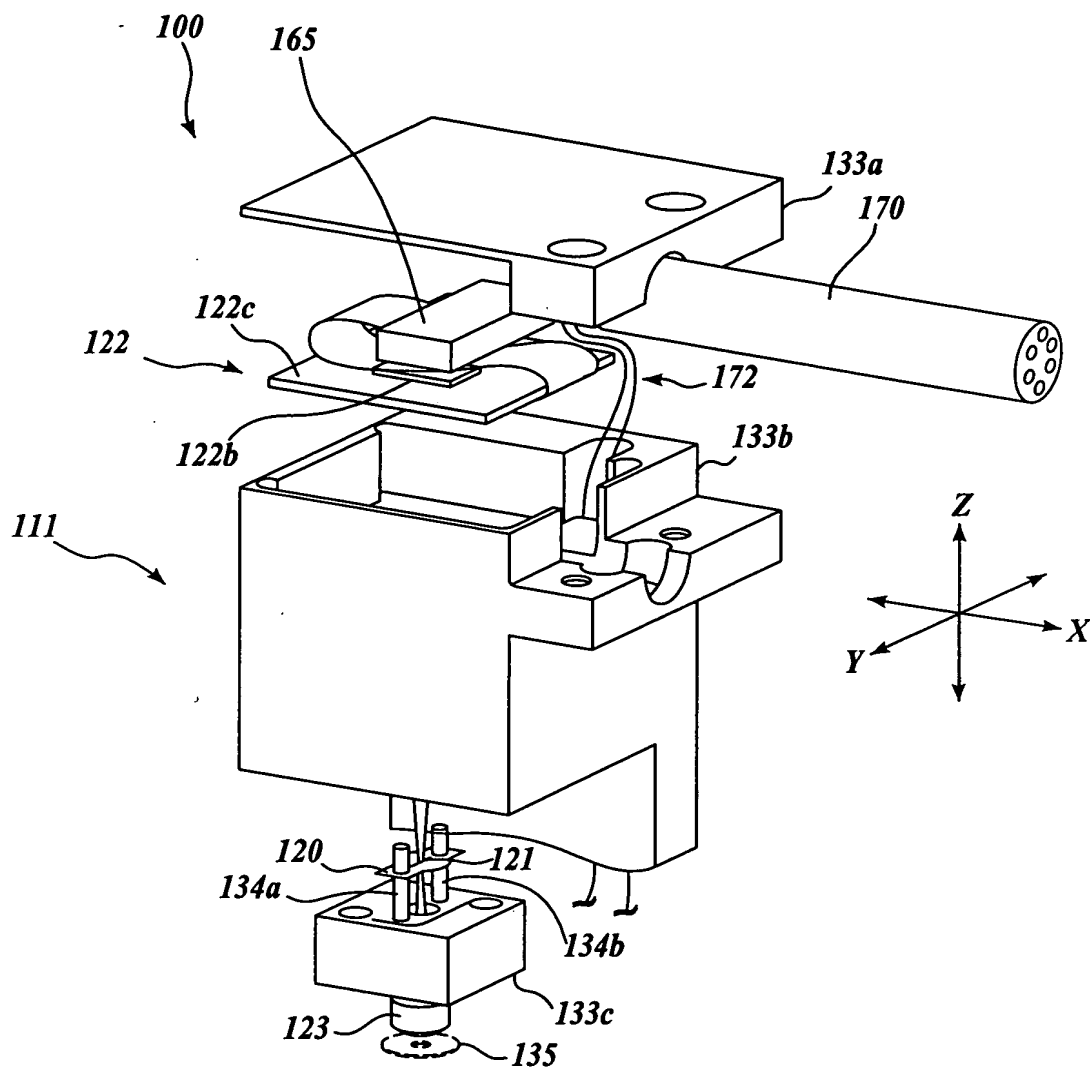


Fig. 24.

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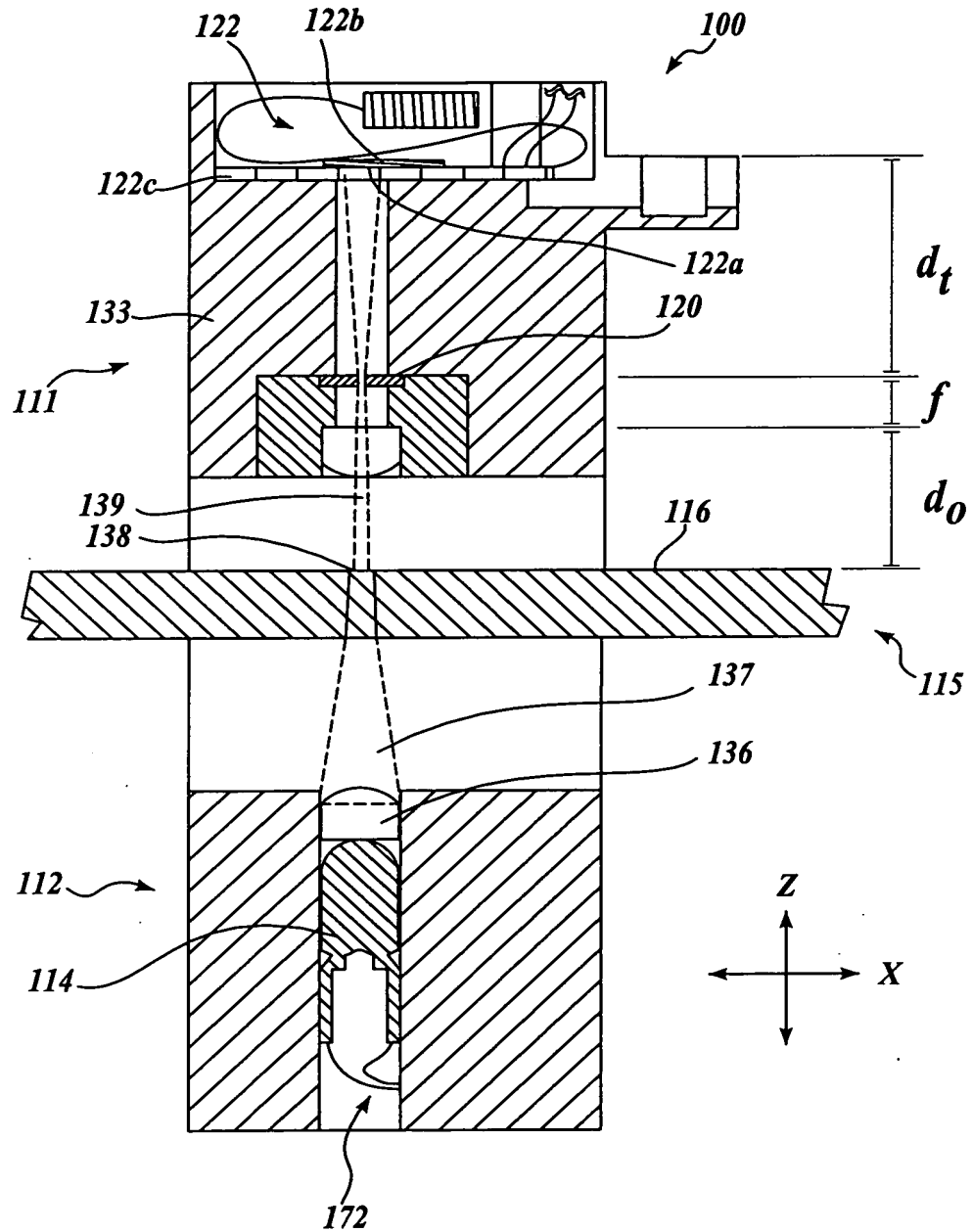


Fig. 25.

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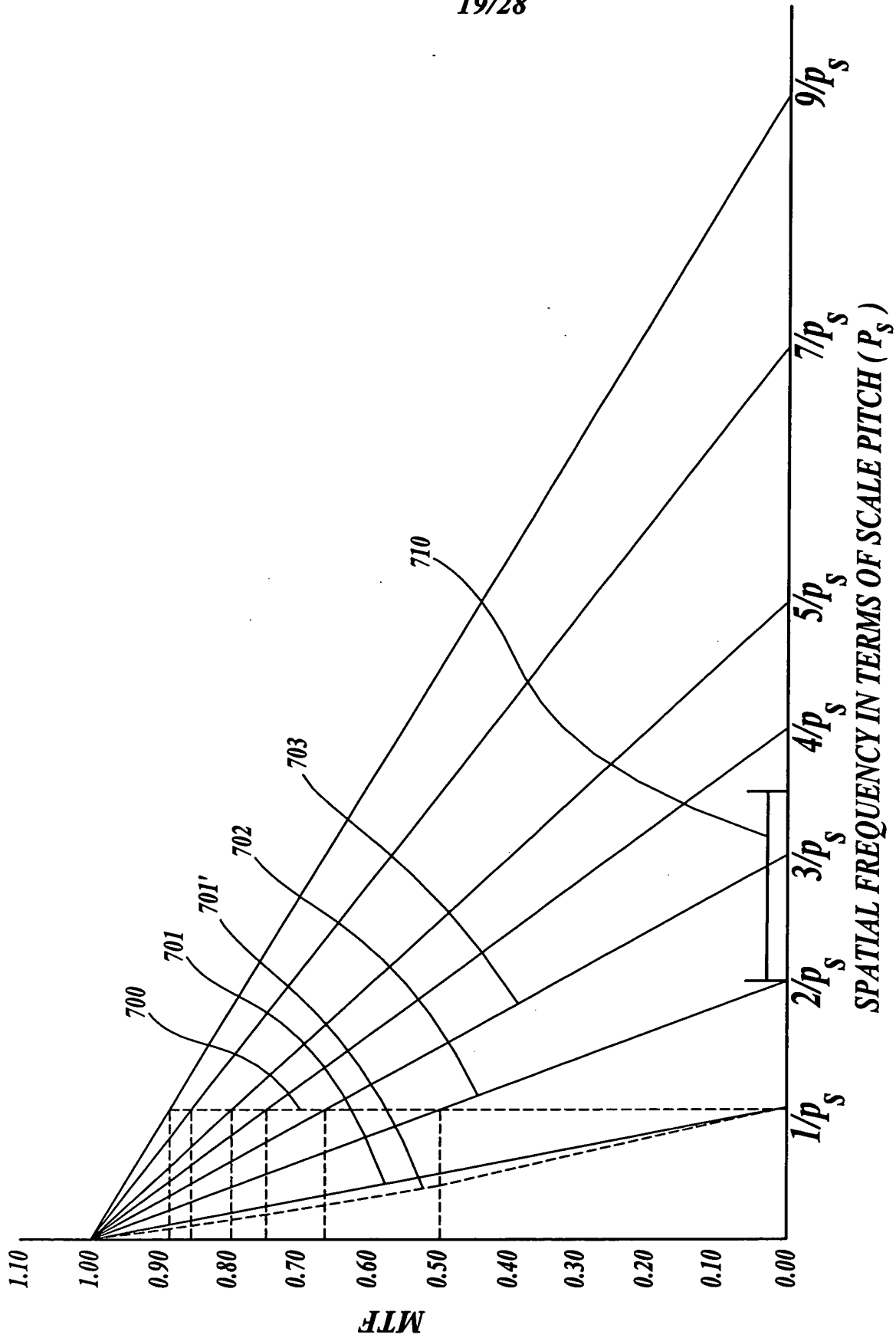


Fig. 26.

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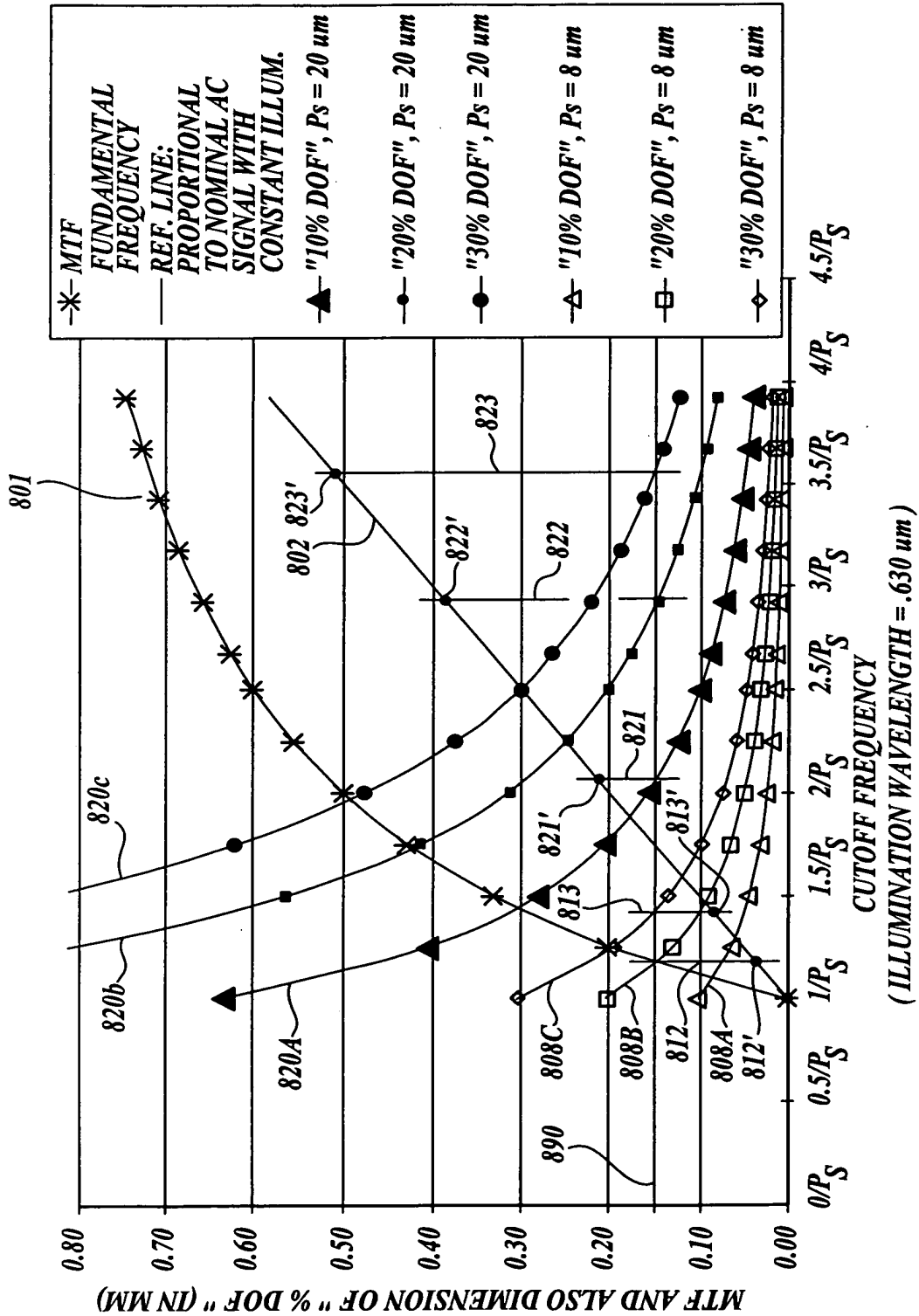


Fig. 27.

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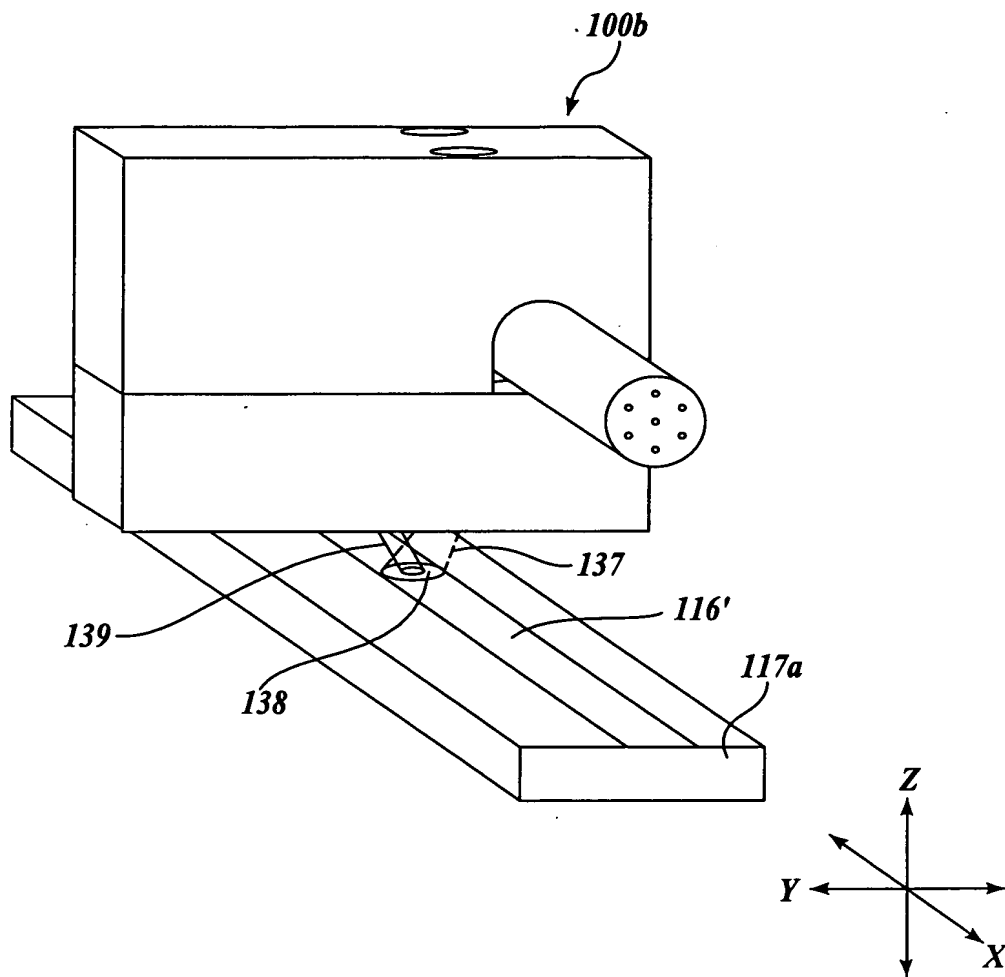


Fig. 28.

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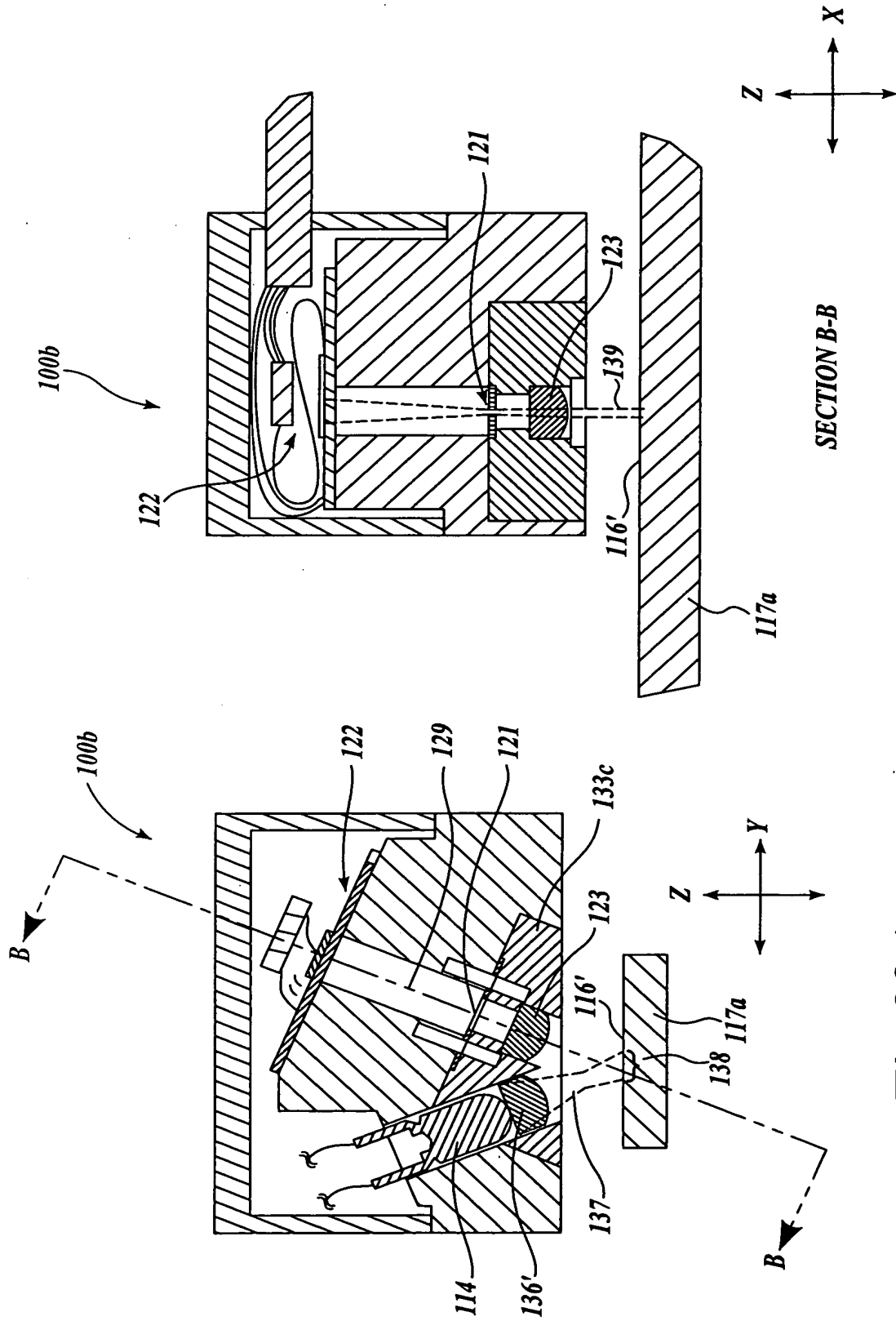


Fig. 29B.

Fig. 29A.

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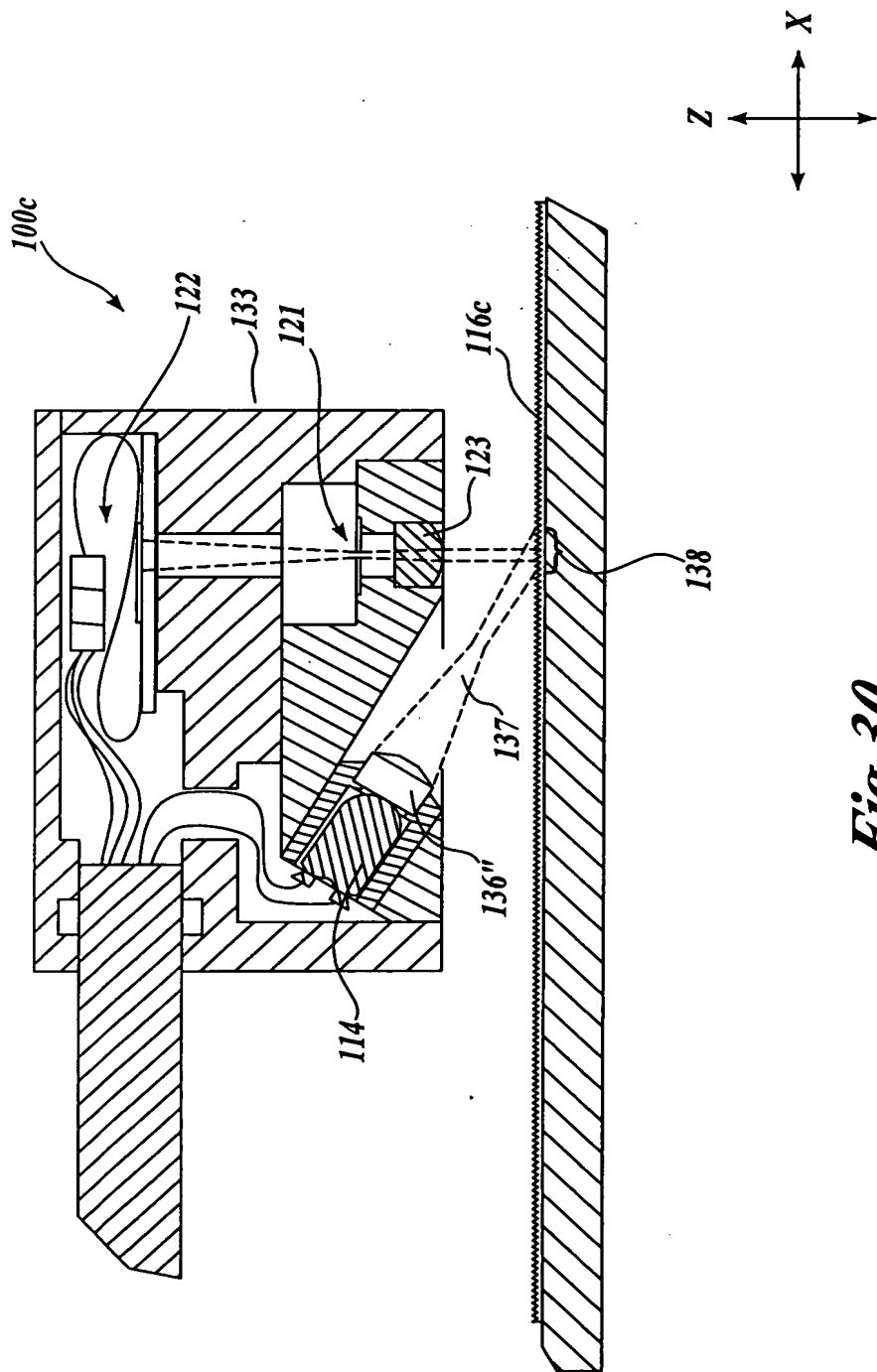


Fig. 30.

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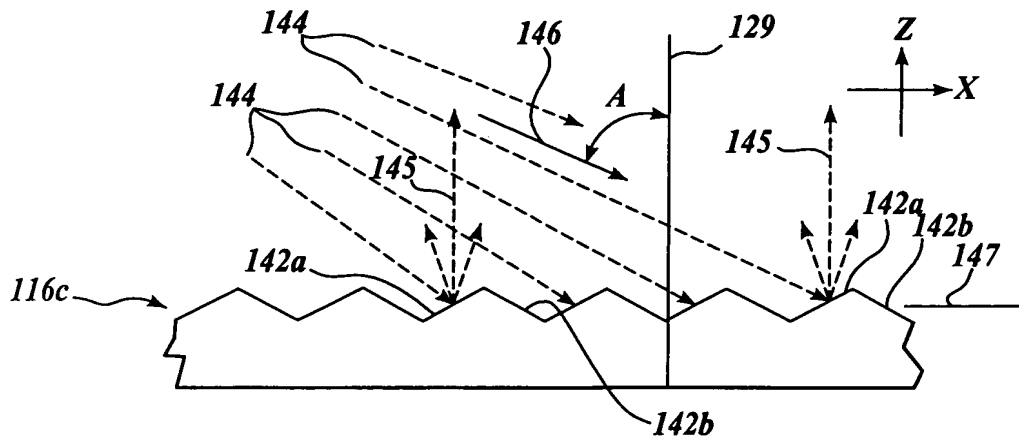


Fig. 31.

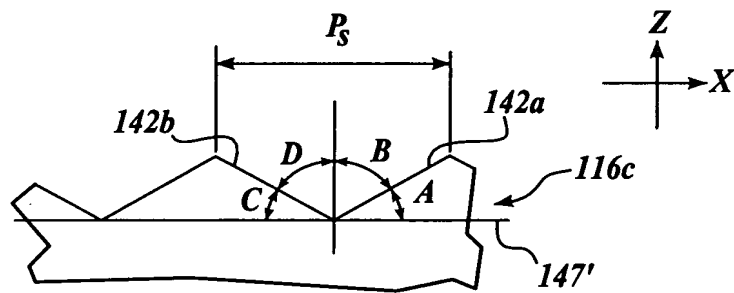


Fig. 32.

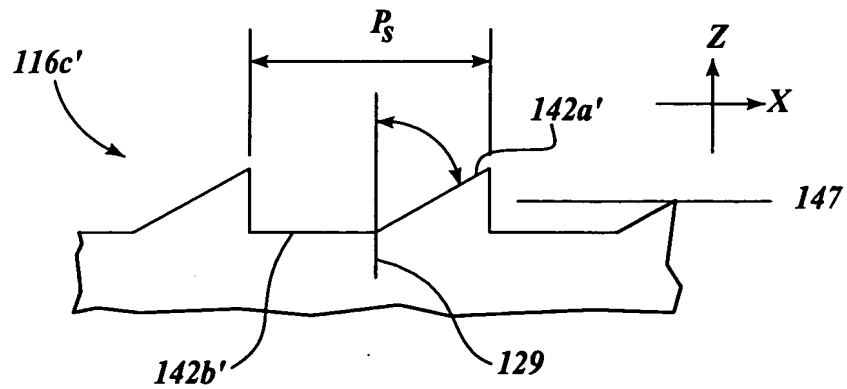
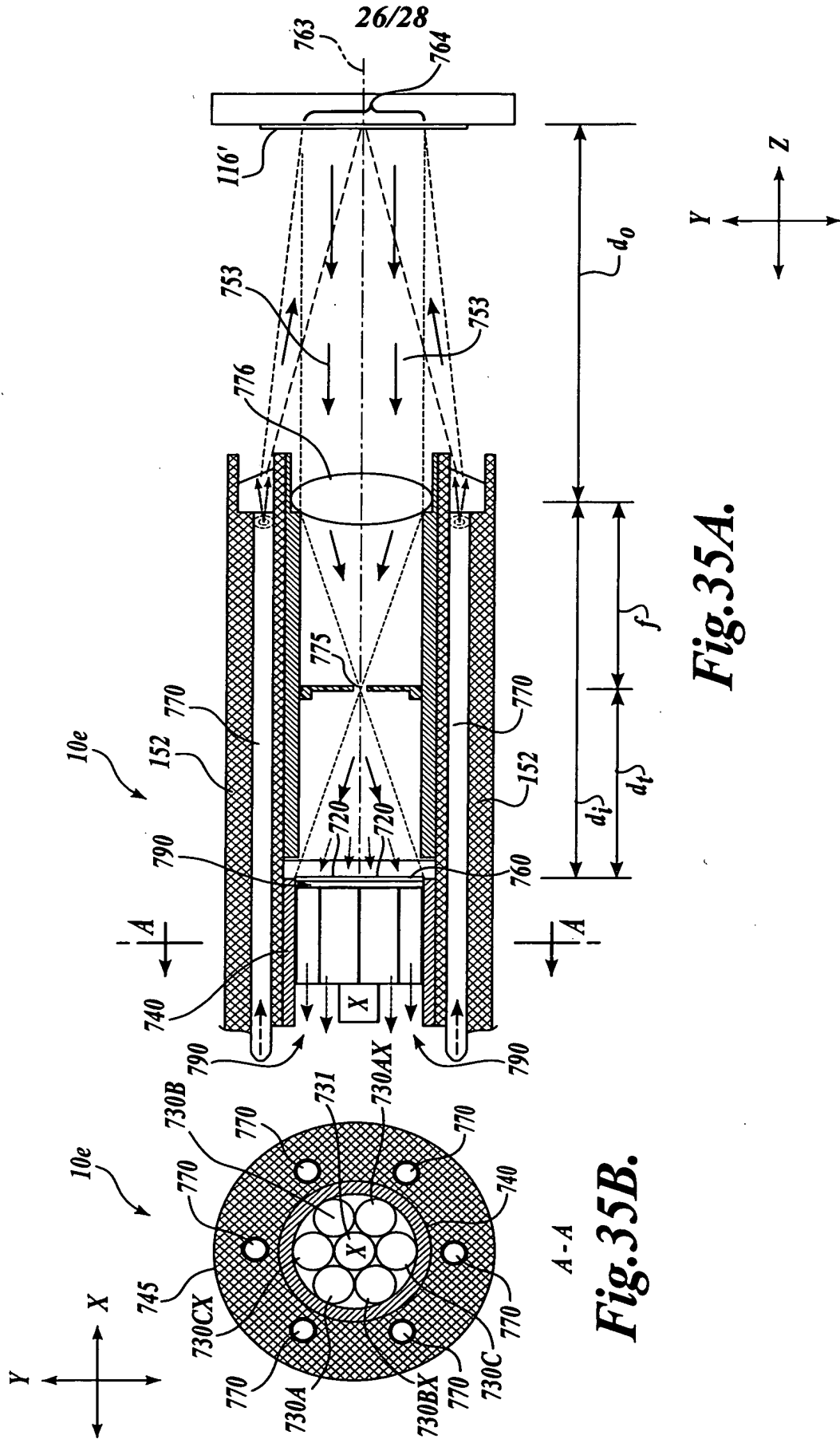


Fig. 33.

Fig. 34.



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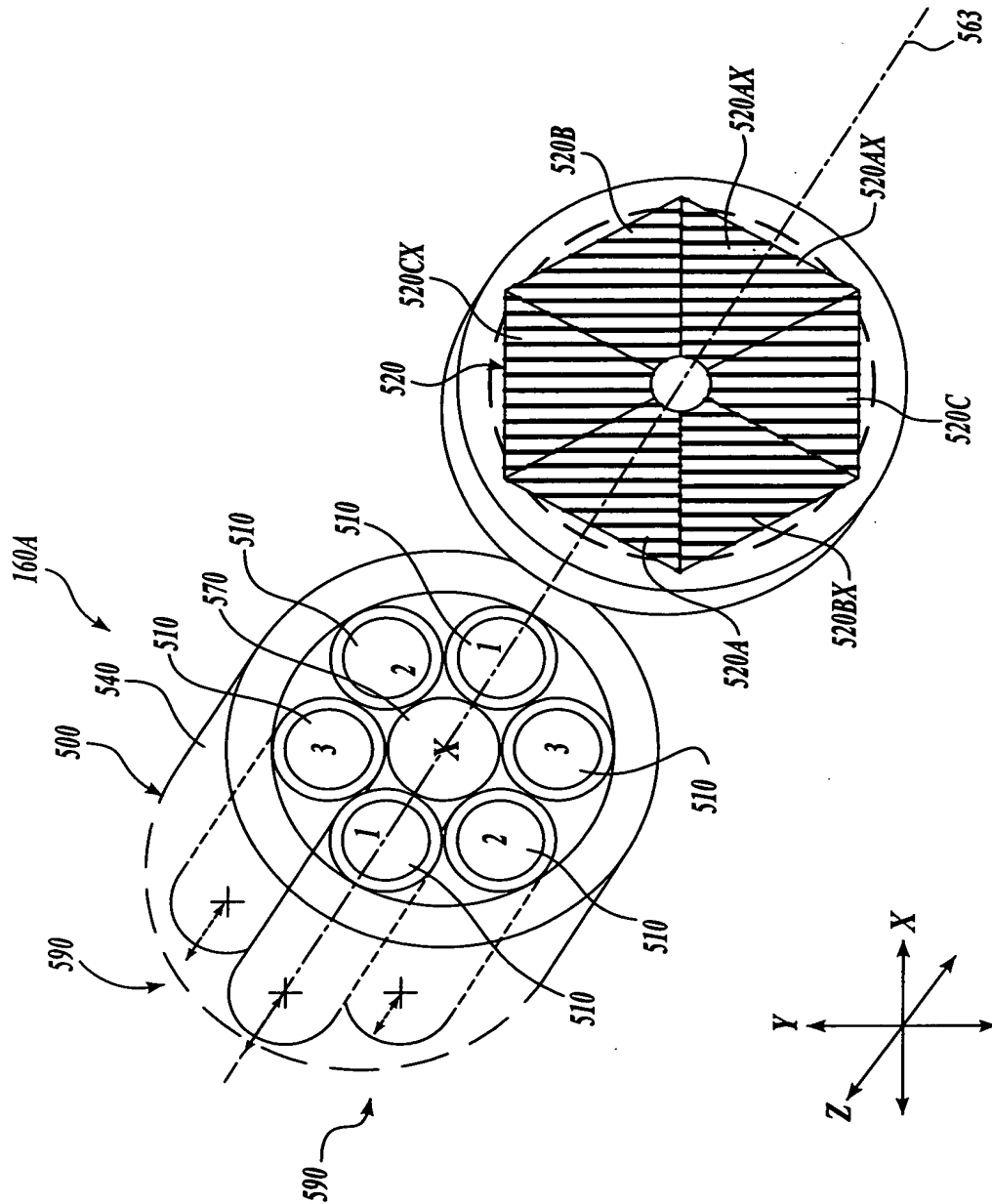


Fig. 36.

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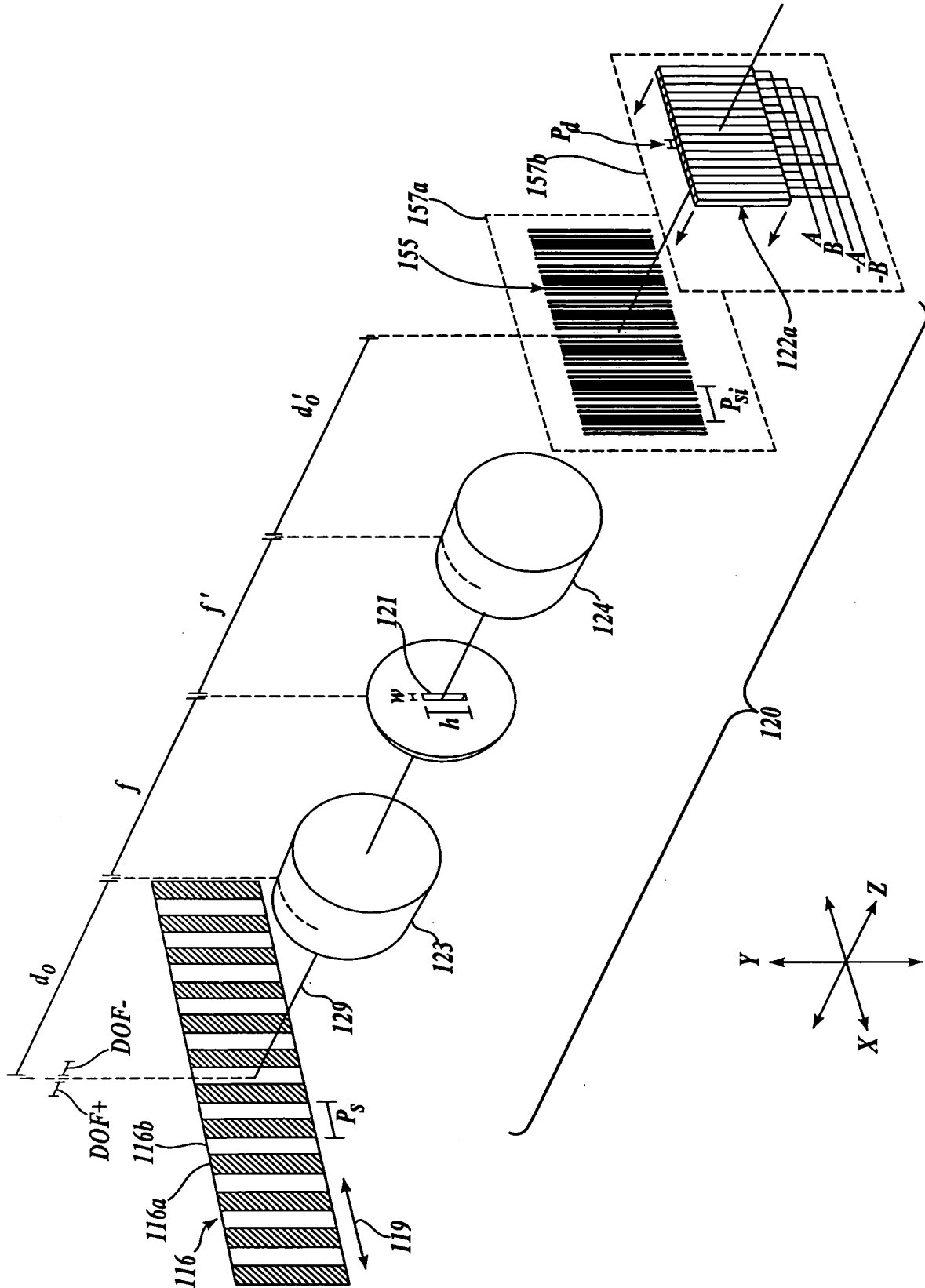


Fig.37.